

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\  
 Data File : BG043403.D  
 Acq On : 30 Oct 2019 16:41  
 Operator : JU  
 Sample : PB124406BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124406BL

Quant Time: Oct 31 05:37:25 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 21 16:37:43 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	40048	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	135831	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	109920	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	277641	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	327758	20.00	ng	0.00
87) Perylene-d12	24.85	264	372708	20.00	ng	-0.02

## System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	259629	118.80	ng	0.00
7) Phenol-d6	7.21	99	361089	114.84	ng	0.00
23) Nitrobenzene-d5	9.18	82	210362	79.84	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	232599	111.20	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	609424	76.61	ng	0.00
79) Terphenyl-d14	20.01	244	1398796	80.07	ng	0.00

## Target Compounds

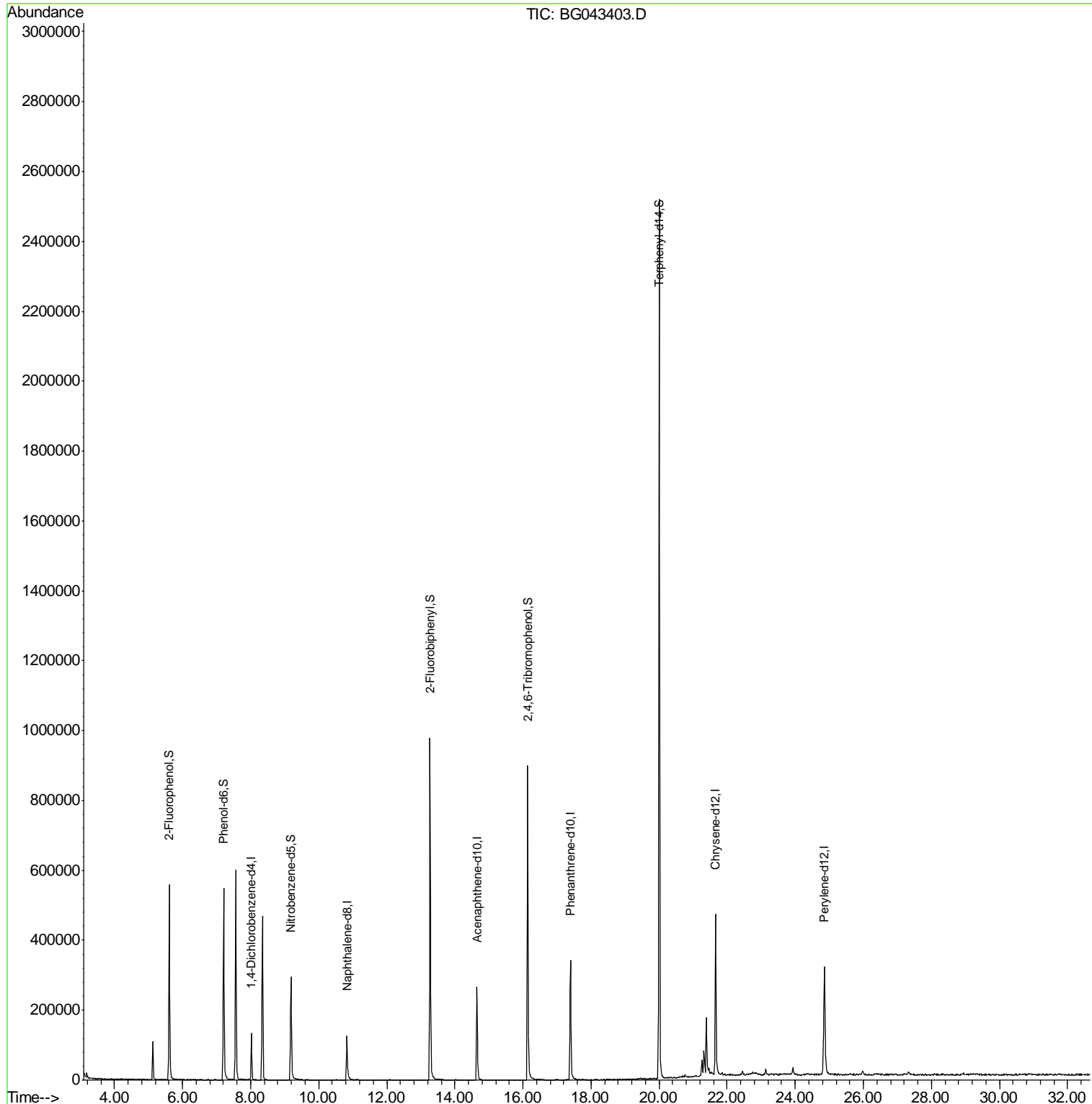
Qvalue

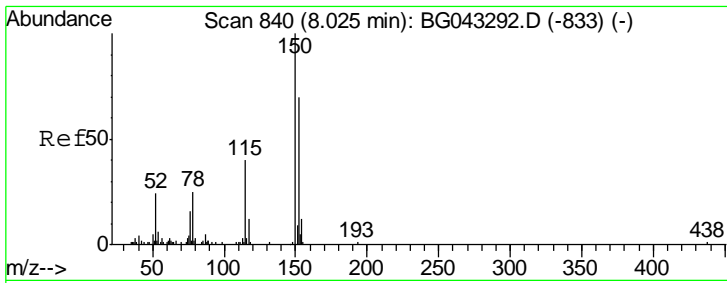
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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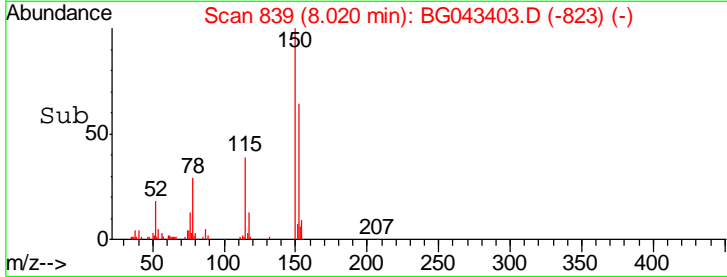
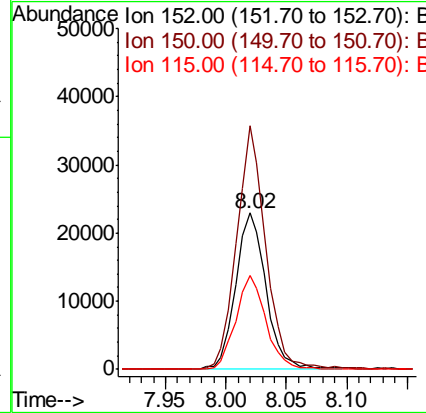
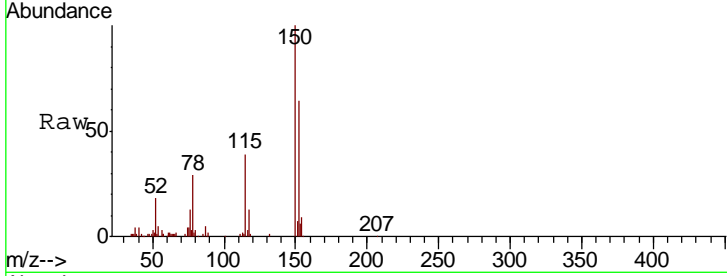




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.02 min Scan# 839  
 Delta R.T. -0.01 min  
 Lab File: BG043403.D  
 Acq: 30 Oct 2019 16:41

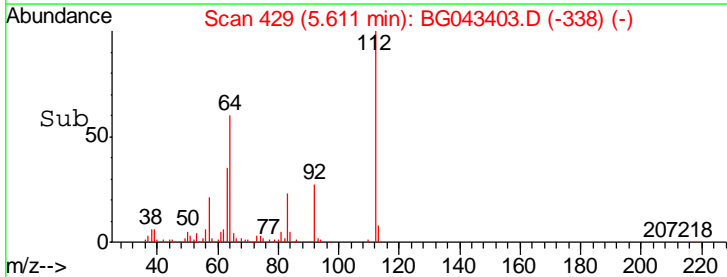
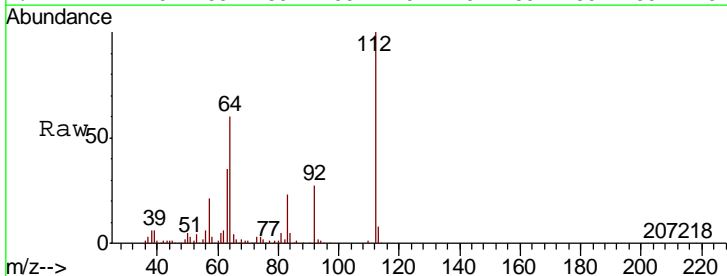
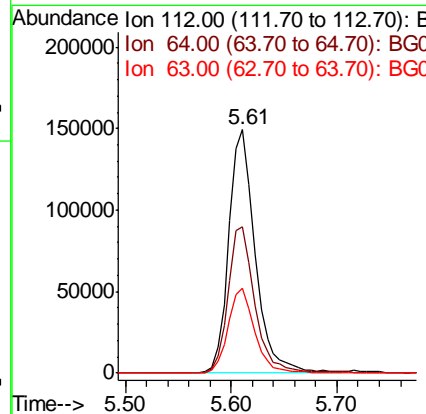
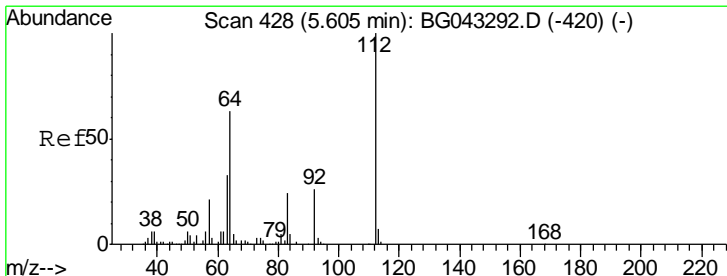
Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB124406BL

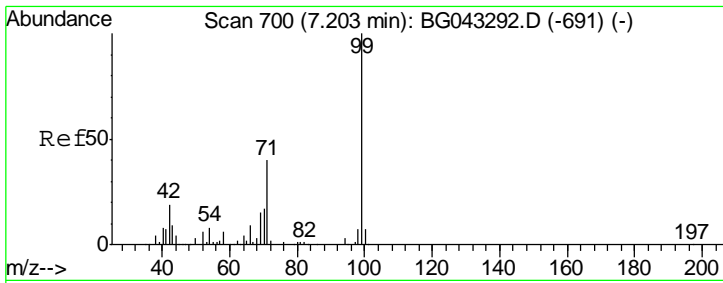
Tgt Ion	Resp	Lower	Upper
152	40048		
150	155.9	113.6	170.4
115	60.4	45.9	68.9



#5  
 2-Fluorophenol  
 Concen: 118.797 ng  
 RT: 5.61 min Scan# 429  
 Delta R.T. 0.01 min  
 Lab File: BG043403.D  
 Acq: 30 Oct 2019 16:41

Tgt Ion	Resp	Lower	Upper
112	259629		
64	60.0	50.2	75.2
63	35.0	26.7	40.1

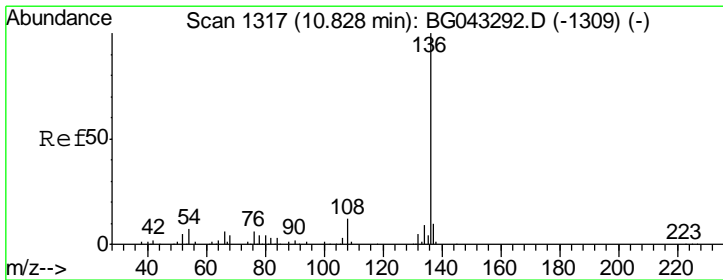
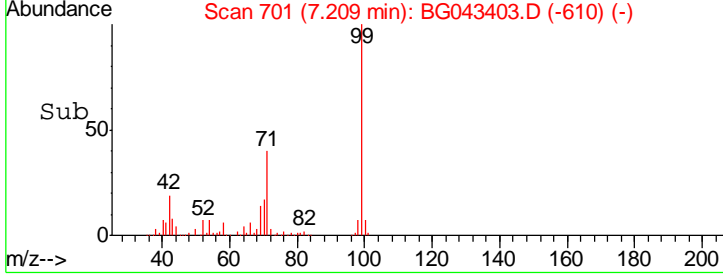
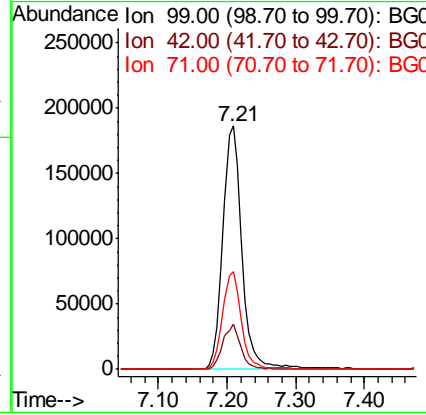
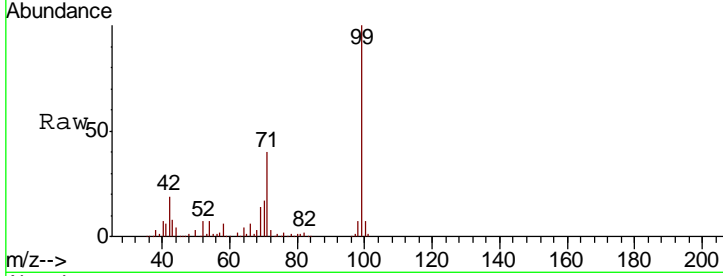




#7  
 Phenol-d6  
 Concen: 114.835 ng  
 RT: 7.21 min Scan# 701  
 Delta R.T. 0.01 min  
 Lab File: BG043403.D  
 Acq: 30 Oct 2019 16:41

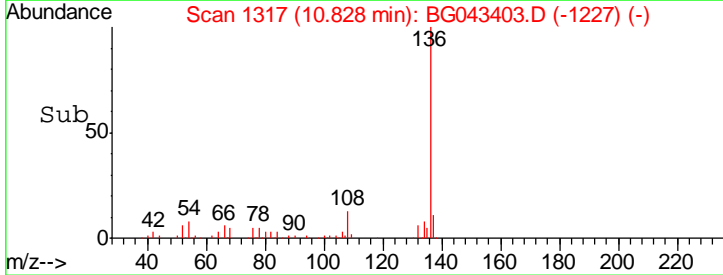
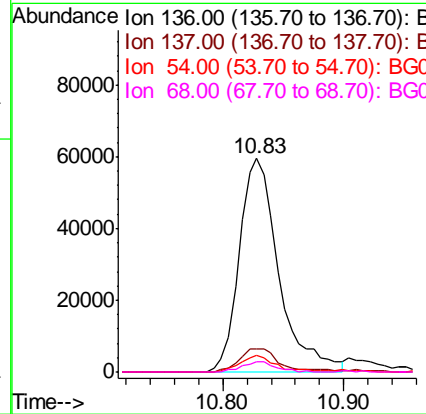
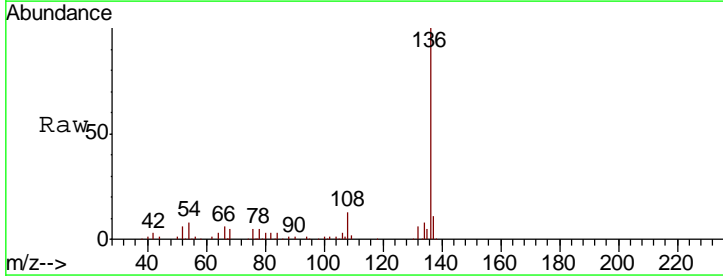
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB124406BL

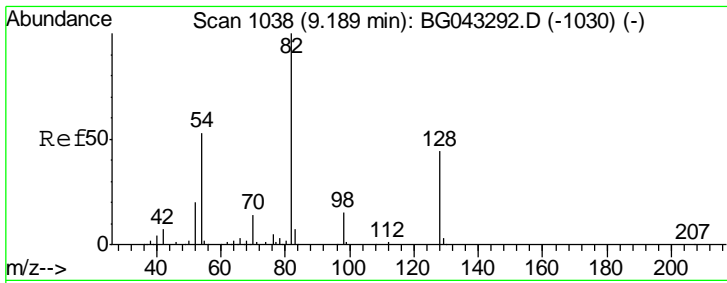
Tgt Ion	Resp	Lower	Upper
99	361089		
42	18.6	14.9	22.3
71	40.2	32.2	48.2



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.83 min Scan# 1317  
 Delta R.T. -0.00 min  
 Lab File: BG043403.D  
 Acq: 30 Oct 2019 16:41

Tgt Ion	Resp	Lower	Upper
136	135831		
137	10.9	8.2	12.2
54	7.5	5.4	8.2
68	4.5	3.3	4.9

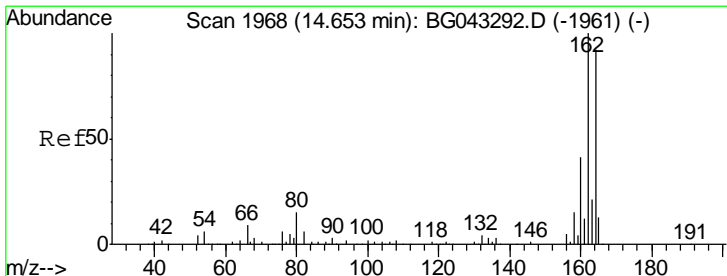
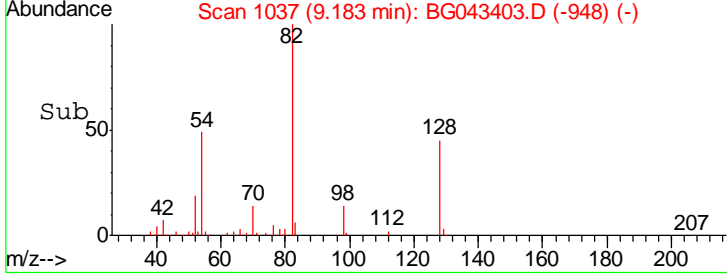
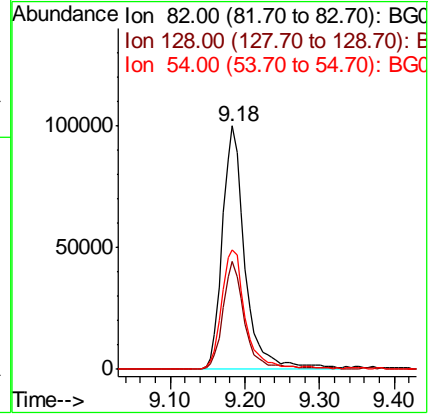
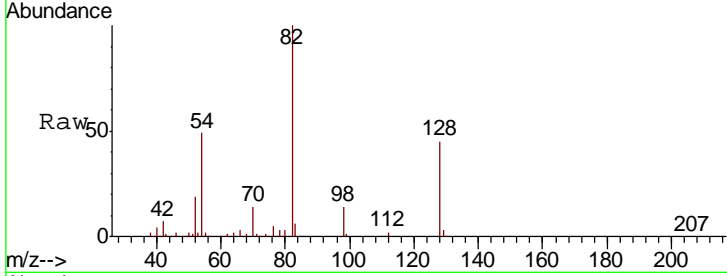




#23  
 Nitrobenzene-d5  
 Concen: 79.843 ng  
 RT: 9.18 min Scan# 1037  
 Delta R.T. -0.01 min  
 Lab File: BG043403.D  
 Acq: 30 Oct 2019 16:41

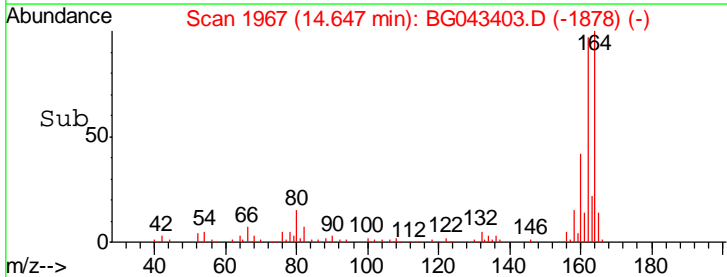
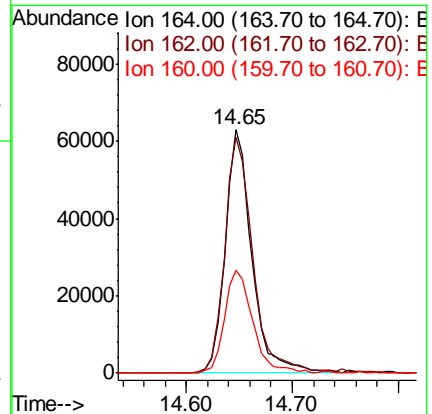
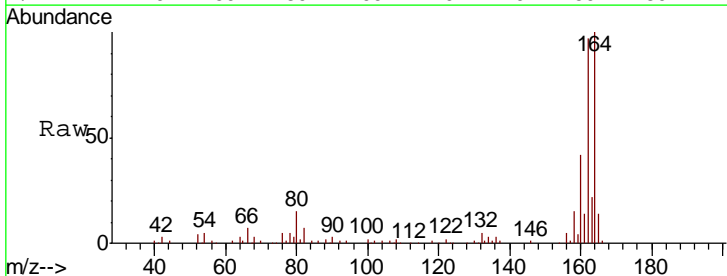
**Instrument :**  
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**ClientSampled :**  
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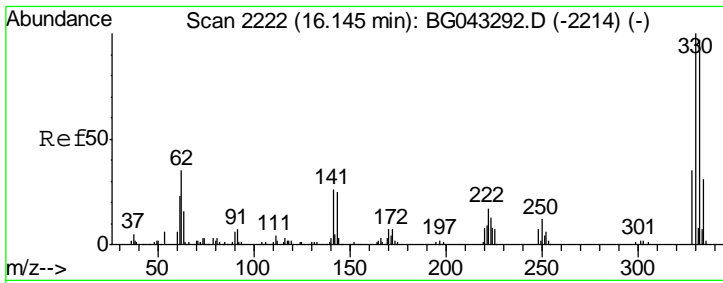
Tgt Ion	Resp	Lower	Upper
82	210362		
128	44.5	35.3	52.9
54	49.1	42.3	63.5



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.65 min Scan# 1967  
 Delta R.T. -0.01 min  
 Lab File: BG043403.D  
 Acq: 30 Oct 2019 16:41

Tgt Ion	Resp	Lower	Upper
164	109920		
162	96.9	87.0	130.4
160	42.3	35.5	53.3

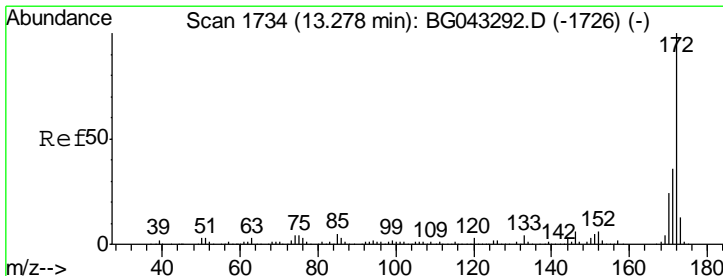
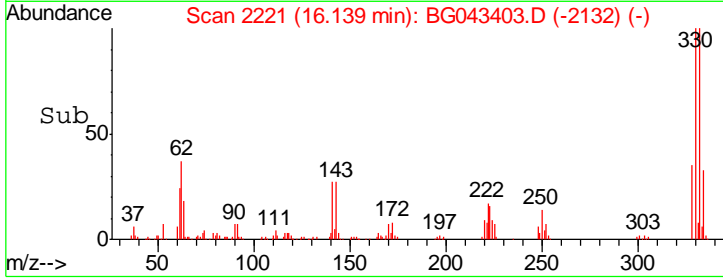
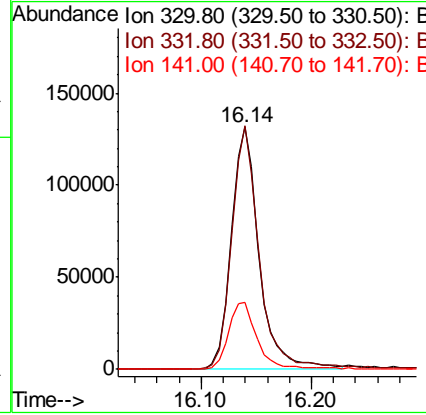
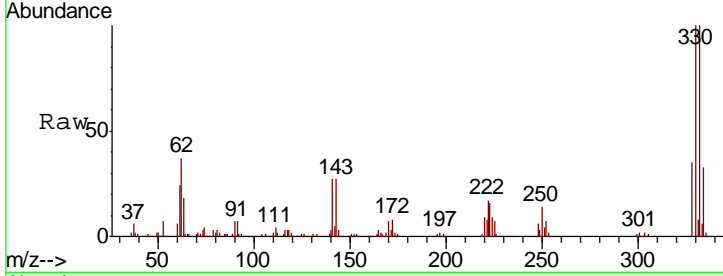




#42  
 2,4,6-Tribromophenol  
 Concen: 111.197 ng  
 RT: 16.14 min Scan# 2221  
 Delta R.T. -0.01 min  
 Lab File: BG043403.D  
 Acq: 30 Oct 2019 16:41

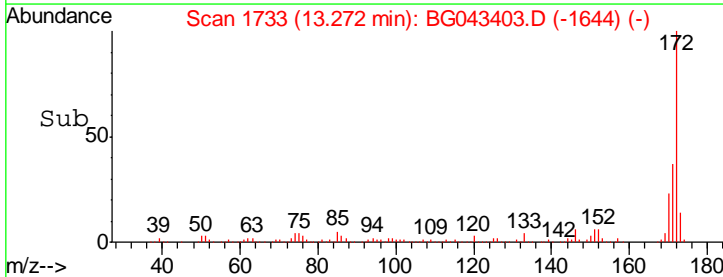
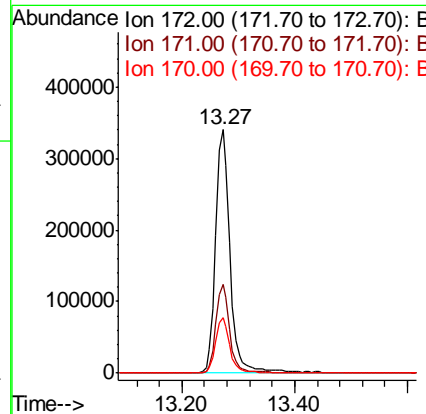
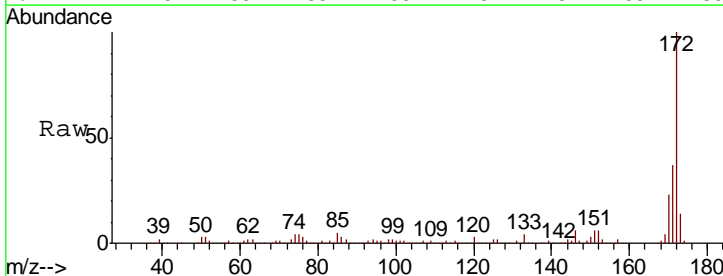
Instrument :  
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 ClientSampleId :  
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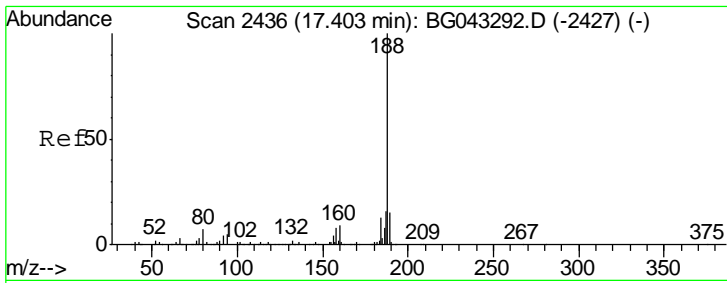
Tgt Ion	Resp	Lower	Upper
330	100		
332	99.1	76.4	114.6
141	28.5	21.4	32.0



#45  
 2-Fluorobiphenyl  
 Concen: 76.611 ng  
 RT: 13.27 min Scan# 1733  
 Delta R.T. -0.01 min  
 Lab File: BG043403.D  
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Tgt Ion	Resp	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	22.6	18.8	28.2

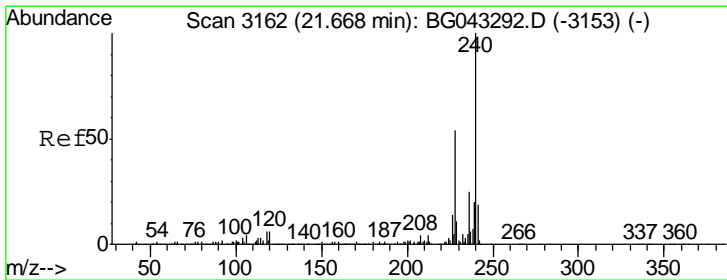
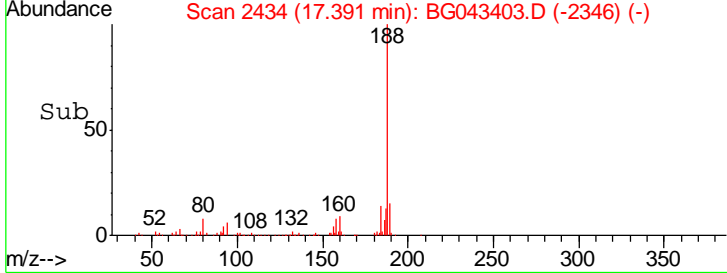
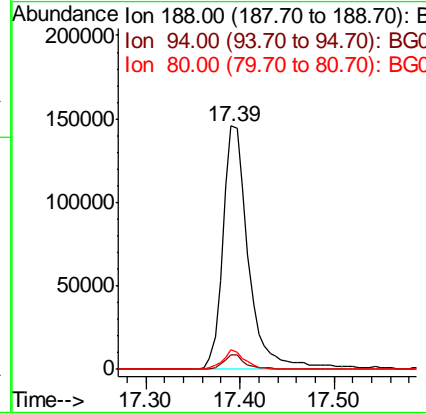
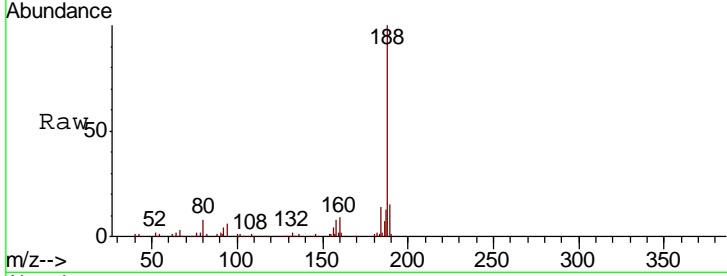




#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.39 min Scan# 2434  
 Delta R.T. -0.01 min  
 Lab File: BG043403.D  
 Acq: 30 Oct 2019 16:41

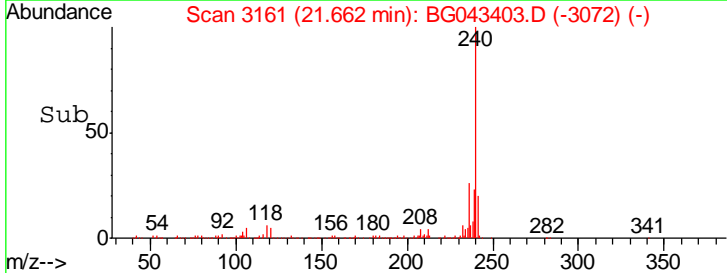
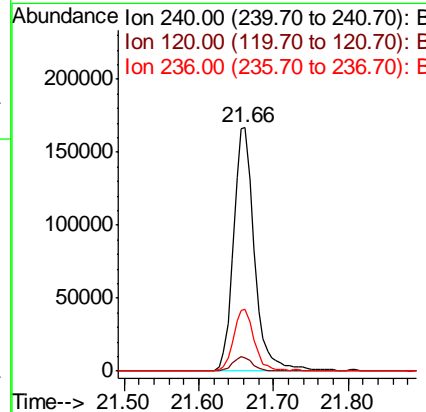
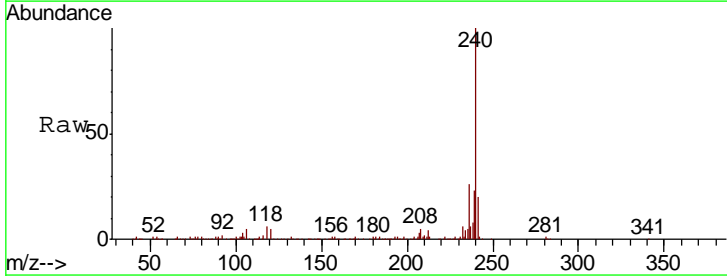
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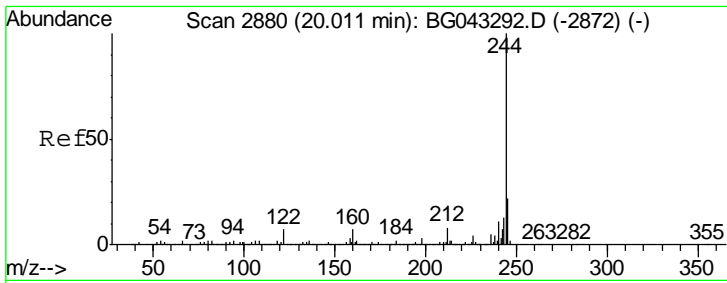
Tgt Ion	Resp	Lower	Upper
188	100		
94	6.1	4.2	6.2
80	8.0	5.2	7.8#



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.66 min Scan# 3161  
 Delta R.T. -0.01 min  
 Lab File: BG043403.D  
 Acq: 30 Oct 2019 16:41

Tgt Ion	Resp	Lower	Upper
240	100		
120	5.3	4.6	7.0
236	25.6	20.2	30.4



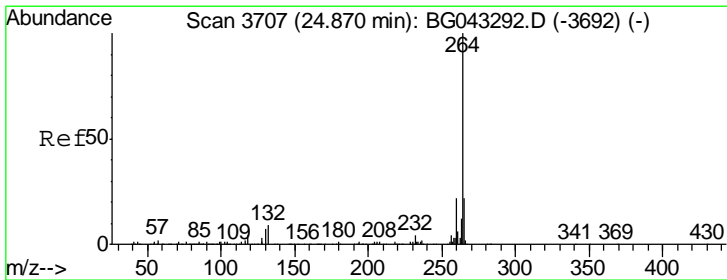
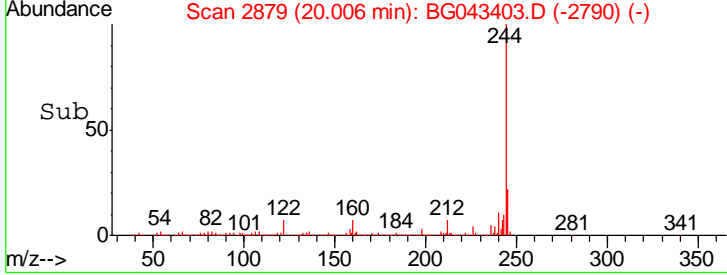
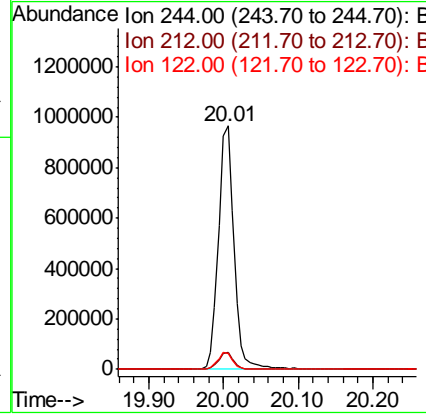
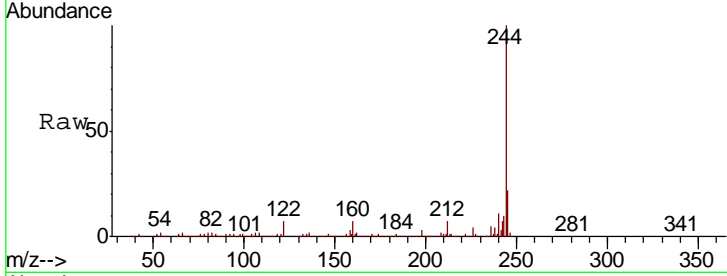


#79  
 Terphenyl-d14  
 Concen: 80.066 ng  
 RT: 20.01 min Scan# 2879  
 Delta R.T. -0.01 min  
 Lab File: BG043403.D  
 Acq: 30 Oct 2019 16:41

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB124406BL

Tgt Ion: 244 Resp: 1398796

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	6.6	5.3	7.9



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.85 min Scan# 3704  
 Delta R.T. -0.02 min  
 Lab File: BG043403.D  
 Acq: 30 Oct 2019 16:41

Tgt Ion: 264 Resp: 372708

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.9	26.9
265	21.3	17.4	26.2

